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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Date: December 21, 2001

Atty. Docket No. SPE-33

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: Eldridge R. Byron, Greg Motley and Mary Groff, who have made an invention pertaining to:

MEDIUM VOLTAGE MOTOR CONTROL CENTER ARC RESISTANT ENCLOSURE

Enclosed are:

- ☒ 25 pages specification, 8 page(s) of claims, 1 page of Abstract and 2 sets of 24 sheets of informal drawings (Figures 1-28).
- ☐ An (un) executed Assignment of the invention to the Square D Company.
- ☒ An unexecuted Declaration combined with Power of Attorney.

FEE CALCULATION

	Claims Filed / Extra	Rate	Basic Fee 37 CFR 1.16(a) \$ 740.00
Total Claims(37 CFR 1.16(a))	27 - 20 = 7 x	\$18.00	\$ 126.00
Independent Claims	7 - 3 = 4 x	\$84.00	\$ 336.00
TOTAL FILING FEE			\$ 1202.00



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Detailed description of Figure 6: The figure consists of ten small histograms arranged horizontally. Each histogram represents the frequency distribution of the number of non-zero elements in the vector \$x_k\$ at iteration \$k\$. The x-axis for all plots ranges from 0 to 100. The y-axis represents frequency, with scales varying between plots (e.g., 0-10, 0-8, 0-12). As \$k\$ increases from 0 to 9, the peak of the distribution shifts to the right, indicating that more elements in the vector become non-zero over time.

[illegible]